

Request for Extended Implementation:

Pursuant to FCC rules CFR 47 §90.629, Evergy respectfully requests a four-year construction schedule allowance for this license.

Background

Evergy is an electric utility company that serves more than 1,500,000 electric customers throughout Western Missouri and Eastern Kansas including the metropolitan Kansas City area. Evergy was formed due to a merger of Westar Energy (Evergy Kansas Central), Kansas City Power & Light (Evergy Metro) and KCPL Greater Missouri Operations (Evergy Missouri West).

Evergy is migrating the three operating company's critical two-way radio infrastructure to a common DMR III 900 MHz LMR system. The new radio system will allow the company to continue to safely and effectively operate, maintain and repair its energy generation, transmission, and distribution assets.

Evergy has been working with PDV (Anterix) as well as UTC to realign our frequency band plan to follow the spirit of WT Docket No. 17-200. The company is seeking licensing for 900 MHz frequencies to accommodate this frequency plan. Evergy Kansas Central and Evergy Metro currently hold 900 MHz licenses in this band utilizing a system being replaced by the new DMR system. Existing 900 MHz licenses held by the company that are not reused for the new system will be cleared and cancelled once the conversion is complete.

Due to the size and scope of this project, the company will require a four-year period to engineer, procure, and construct the system. The proposed implementation plan is outlined below.

Extended Implementation Plan for 900 MHz Trunked LMR System Construction:

Evergy will deploy 95 fixed transmitter sites over the next 4 years. These transmitter sites will require modifications to support the new system.

Completed Year	Task
2020	Installation of antennas and coax for new 900 MHz system. / Begin deployment of 900 MHz infrastructure
2021	Continue deployment of 900 MHz Infrastructure
2022	Finalize deployment of 900 MHz Infrastructure / System Testing
2023	Mobile radio installation / File construction notice with FCC